

FIG. 1

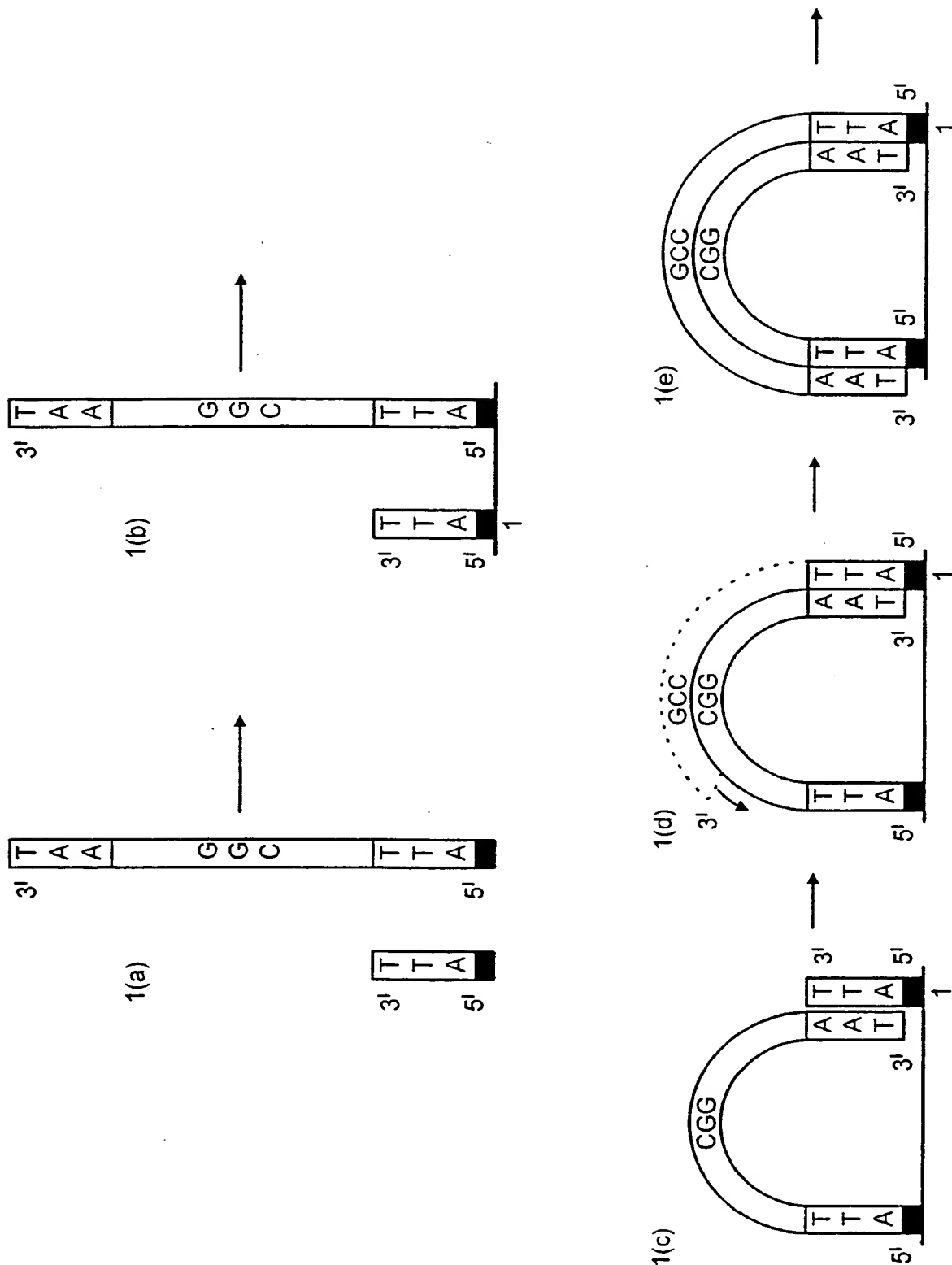
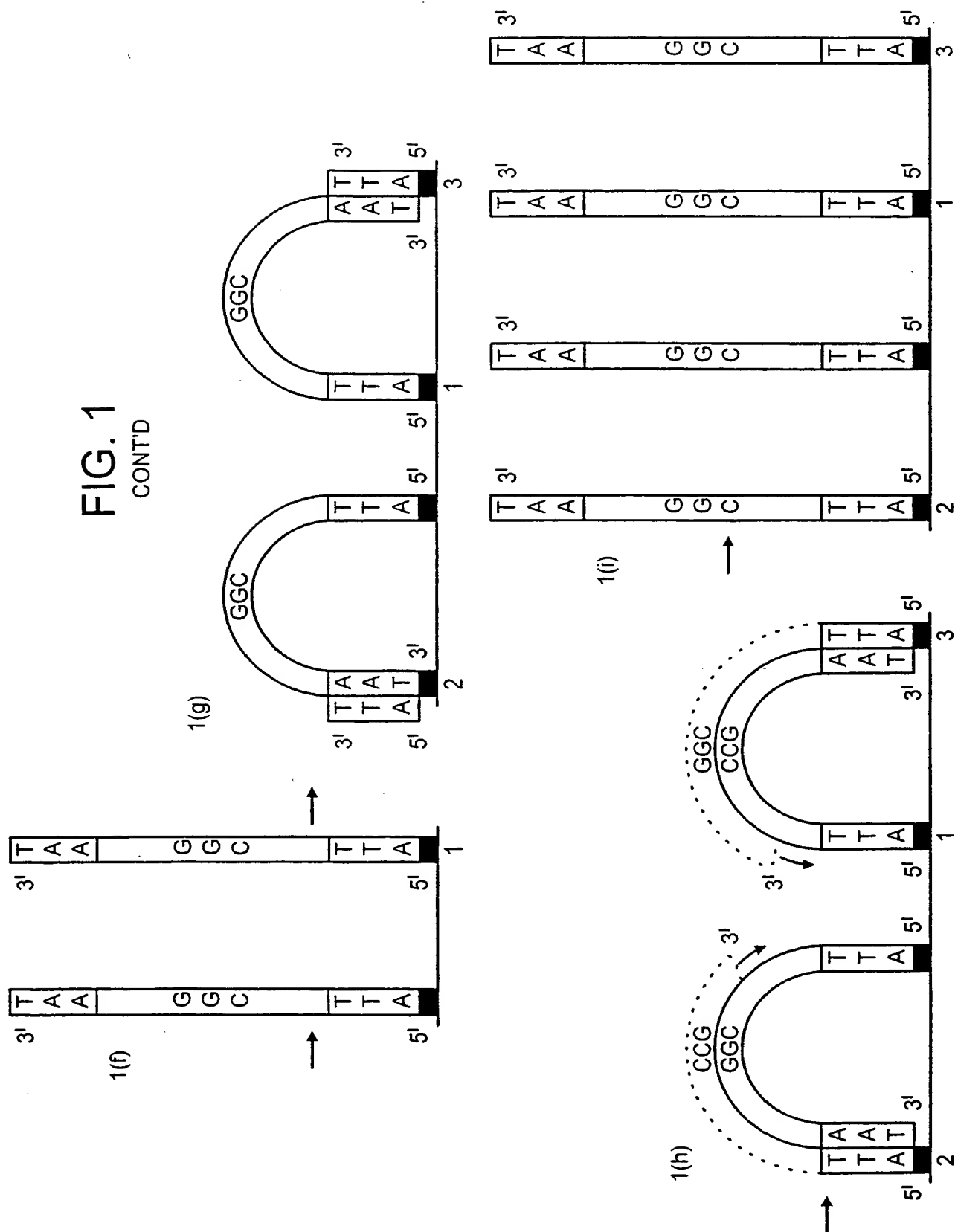


FIG. 1

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FIG. 1

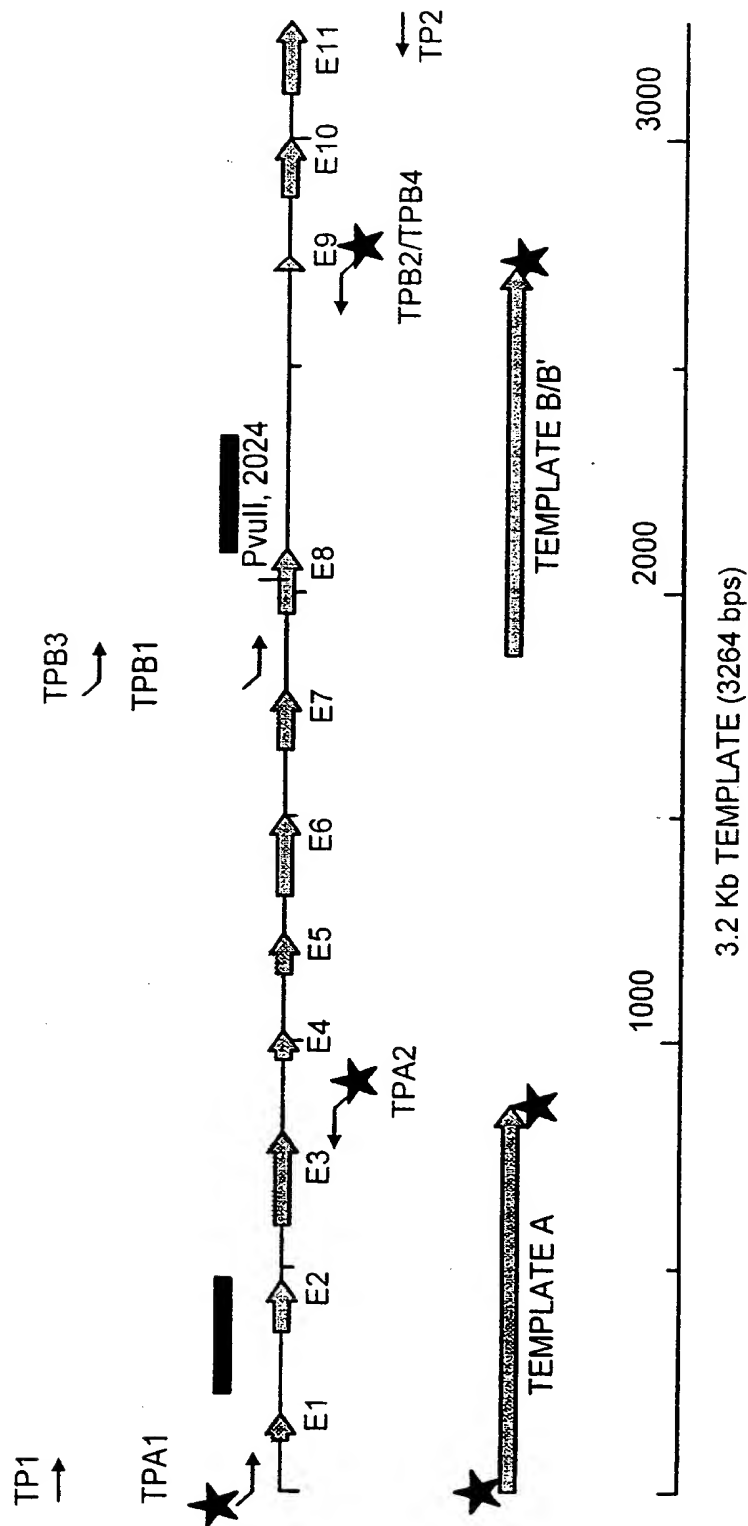
CONT'D



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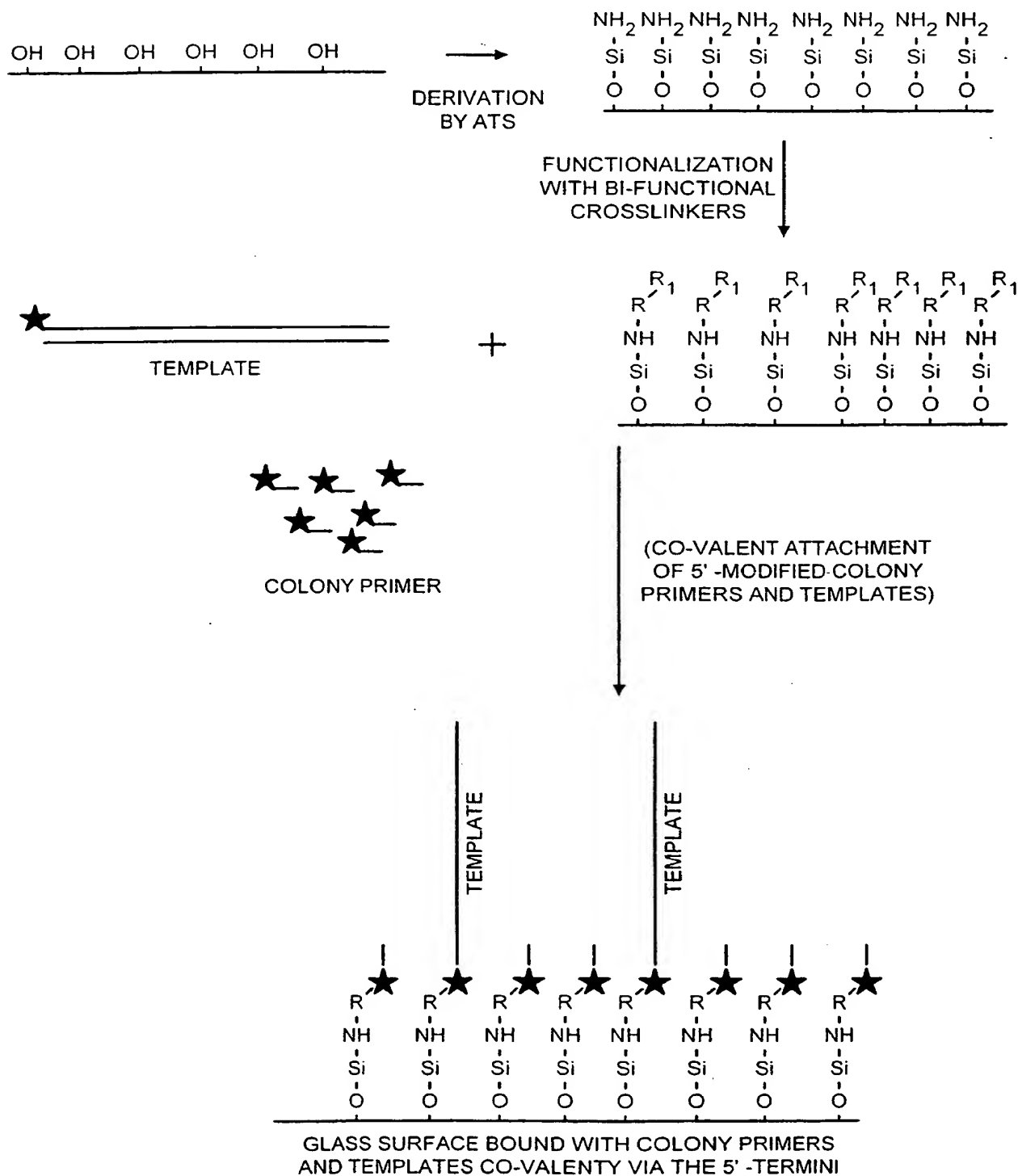
FIG. 2a

PREPARATION OF TEMPLATES CONTAINING COLONY PRIMER SEQUENCES
(LOCATION OF PRIMERS ON RAGE)



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FIG. 2b

CHEMICAL ATTACHMENT OF COLONY PRIMERS AND
COLONY TEMPLATES TO THE SURFACE

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FIG. 3

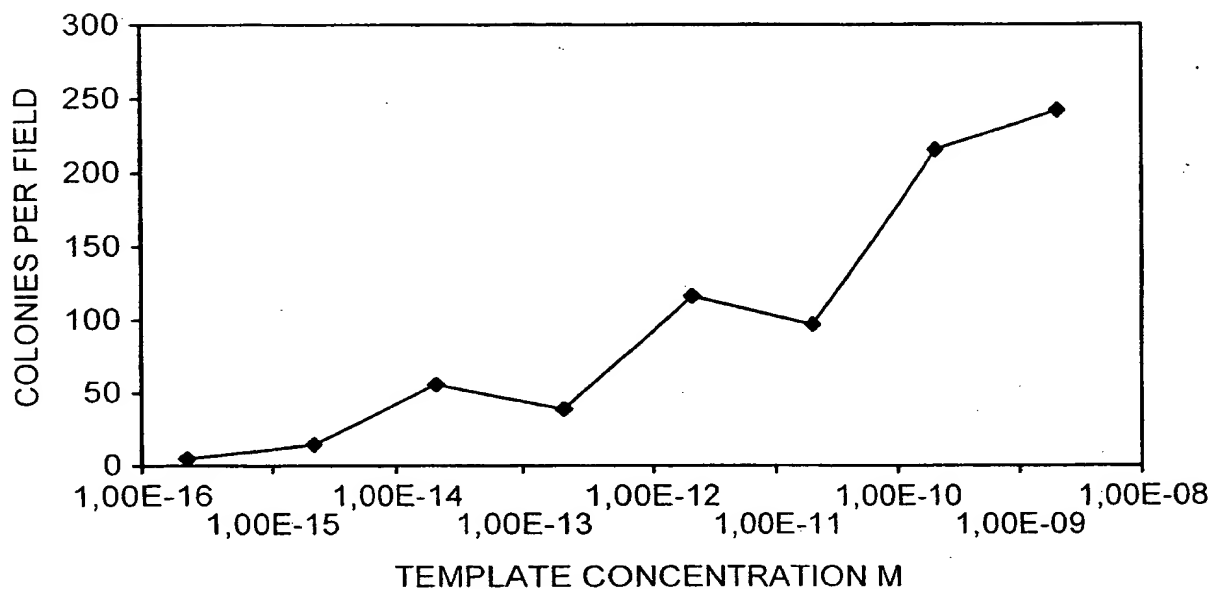
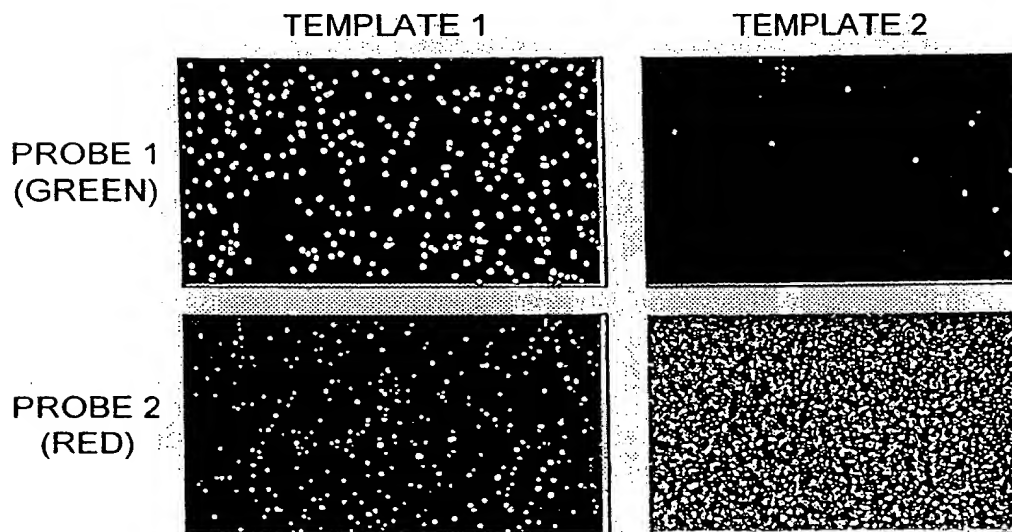
COLONIES FORMED WITH TEMPLATE AND COLONY
PRIMER ATTACHED TO THE SUPPORT

FIG. 4a

SIMULTANEOUS DETECTION OF TWO
INDEPENDENT DNA COLONIES

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FIG. 4b

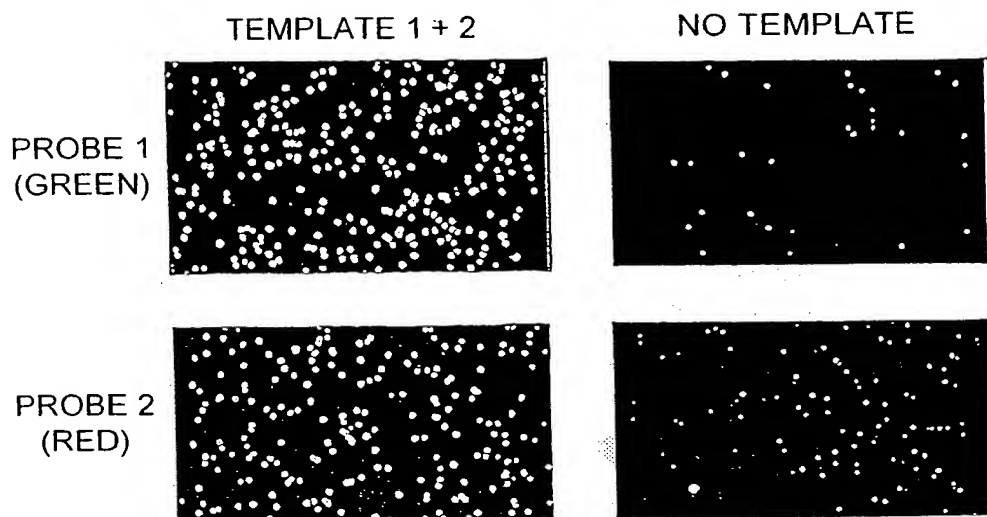
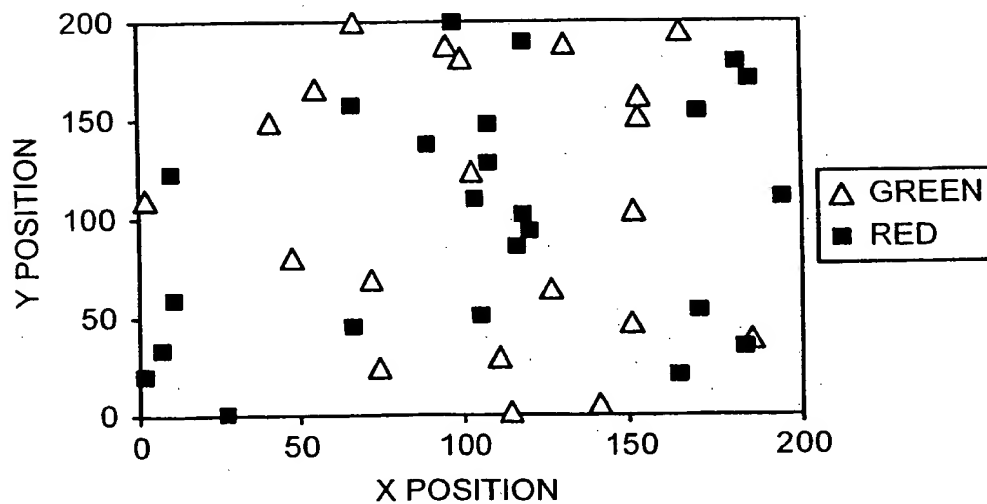


FIG. 4c

OVERLAY IMAGE OF GREEN AND RED COLONIES



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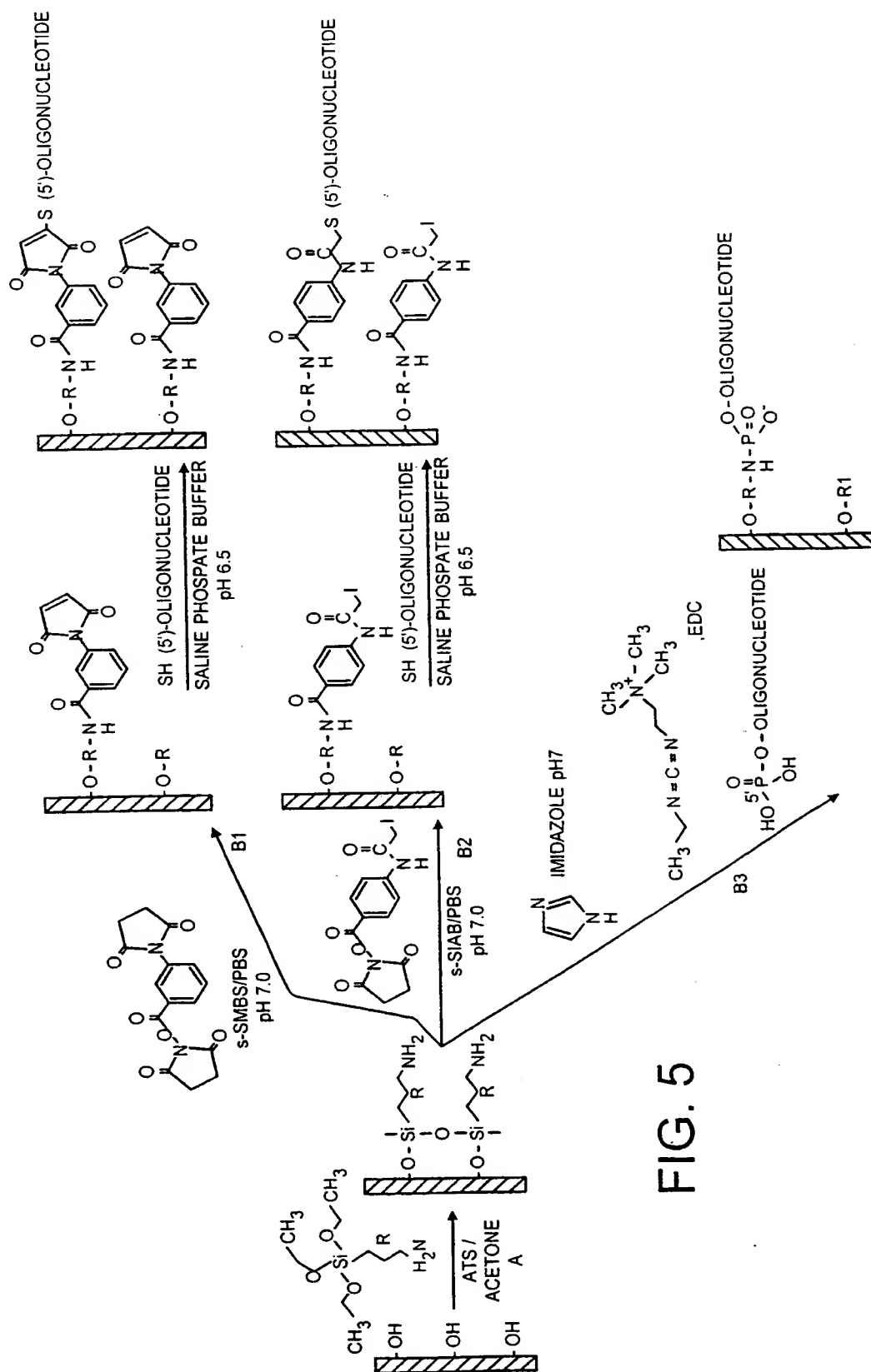
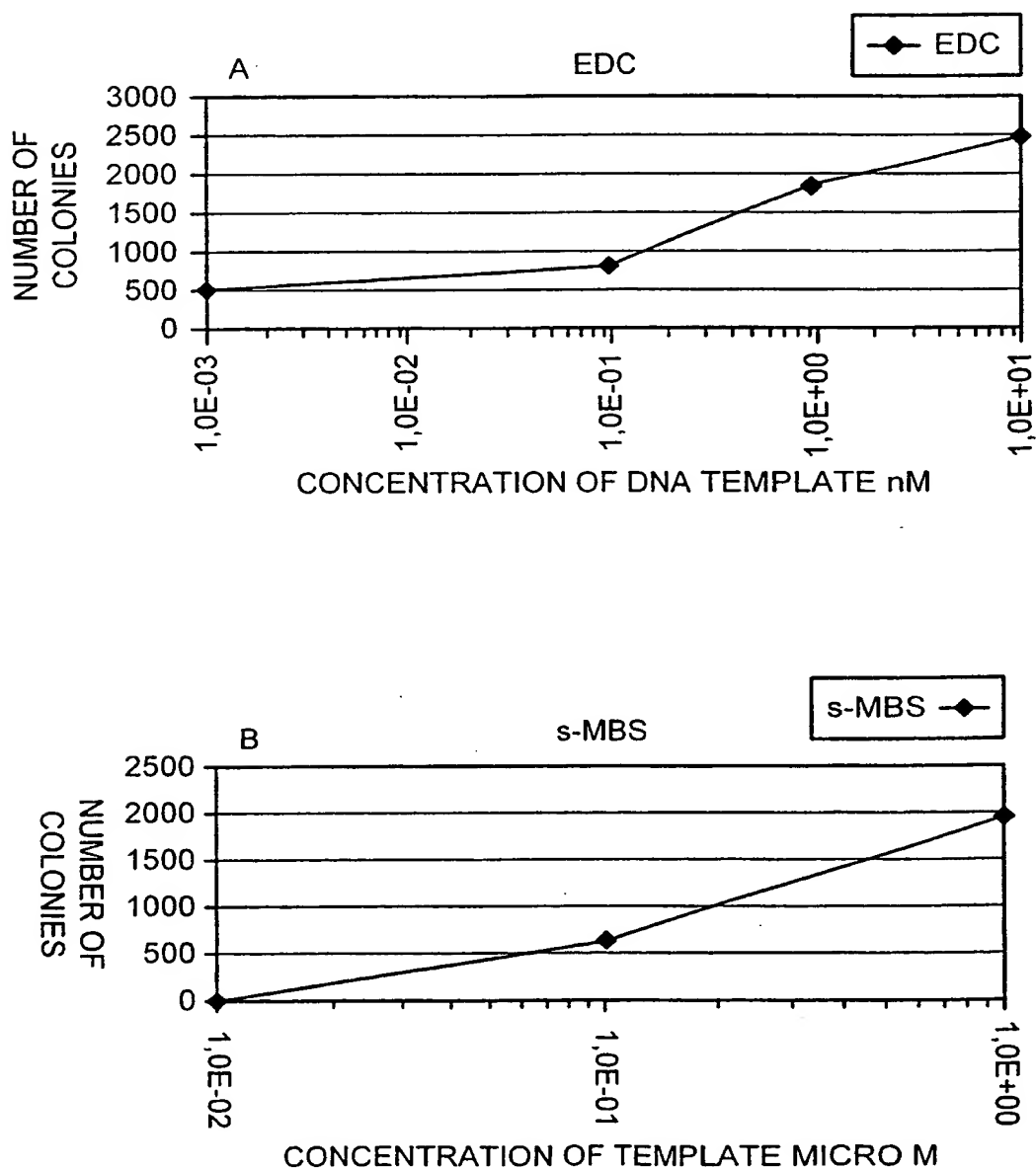


FIG. 5

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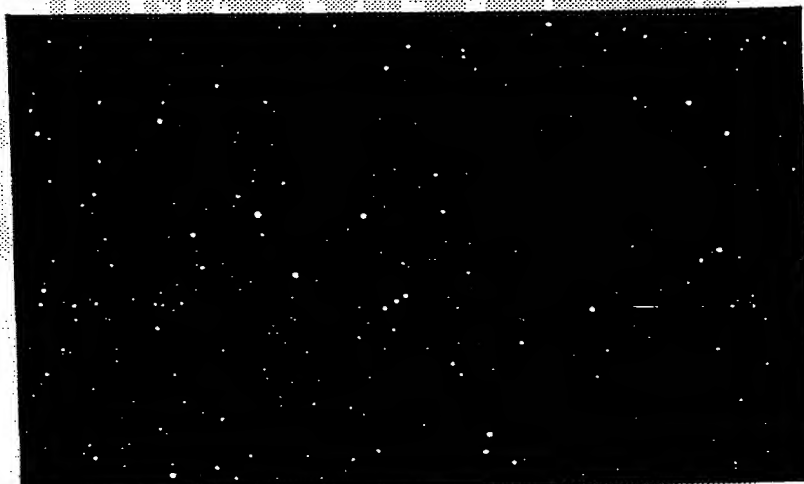
FIG. 6

DNA COLONY GENERATION ON GLASS:
EFFECT OF TEMPLATE CONCENTRATION

(a)



(b)



(c)

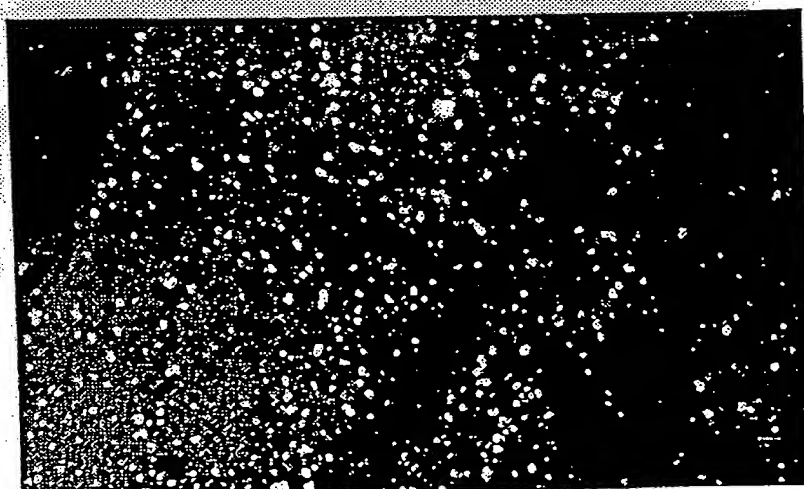


FIG. 7

SUBSTITUTE SHEET (RULE 26)

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FIG. 8

